

## INTERNATIONAL SEARCH REPORT

Internatic Application No

PCT/IB 03/03752

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01L27/146

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01L H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 392 263 B1 (KOMATSUZAKI KATSUO ET AL) 21 May 2002 (2002-05-21) figures 3,5 column 5, line 16 -column 6, line 9 column 6, line 62 -column 7, line 54 abstract	1-12
X	EP 1 231 642 A (ST MICROELECTRONICS SA) 14 August 2002 (2002-08-14) figure 5 column 4, line 41 -column 5, line 43	1,2,5

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

12 December 2003

Date of mailing of the international search report

19/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Visscher, E

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Publication No

PCT/IB 03/03752

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6392263	B1	21-05-2002	NONE
EP 1231642	A	14-08-2002	FR 2820882 A1 16-08-2002 EP 1231642 A1 14-08-2002 US 2002167031 A1 14-11-2002

BEST AVAILABLE COPY